

JANUARY

at the

CALIFORNIA ACADEMY OF SCIENCES

JANUARY MEETING

DATE: Wednesday evening, January 18
TIME: 7:30 p.m. and again at approximately 8:45 p.m.
PLACE: May Treat Morrison Auditorium
SPEAKER: Edward M. Brigham, Jr.
SUBJECT: "WILDLIFE ANNALS"

"Go to Nature; take the facts into your own hands; look and see for yourself." These are the words of Jean Louis Agassiz, the great naturalist, words taken literally by Mr. Brigham who is Director of the Kingman Museum of Natural History at Battle Creek, Michigan. Though he has traveled extensively, it is western America where his trained camera has found most of the material for his outstanding series of natural history films.

In "Wildlife Annals," Mr. Brigham explores the nature trails in his native state in order to interpret Michigan's plant and animal kingdom. His deep love of animals, the collecting of specimens for the museum, and the expert use of his eyes and camera are reflected in every foot of celluloid. He is a highly respected educator and an ardent conservationist.

As indicated above, Mr. Brigham will present his "Wildlife Annals" twice during the evening.

MORRISON PLANETARIUM

"Rainbows, Auroras and Other Wonders" opens on January 4 and will continue through February 26. The marvelous magic of which the great star projector is capable comes prominently into play in this planetarium favorite. Seeing the eerie curtains of the aurora borealis alone is more than worth the trip to Golden Gate Park.

Performances daily at 2:00 p.m. with evening shows Wednesday through Sunday, at 8:30. Extra shows on Saturdays, Sundays and holidays at 3:30. The Planetarium is closed on Monday and Tuesday nights.

Admission: Adults, \$1.00. Children, 50c.

MORRISON AUDITORIUM

"Expedition!", a color documentary produced by the Academy, continues to be shown on Saturdays and Sundays at 12:45, 2:15 and 3:45. Admission: Adults, \$1.00. Children, 50c.

SPECIAL EXHIBITS

From the Academy Collections: "Narwhal Tusk," the long, twisted, pointed, hornlike tusk of an arctic cetacean. On view in the Main Foyer, Hall of Science.

"Camouflage in Nature" continues in Lowell White Hall of Man and Nature. Photos by Dr. Edward S. Ross, Curator of Entomology.

NEWS and NOTES

ON NOVEMBER 15, Dr. A. Starker Leopold, former President of the Academy, was awarded the Audubon Medal—the National Audubon Society's highest honor. The medal was presented to Dr. Leopold by the Society President, Carl W. Bucheister, at closing ceremonies of the 62nd annual convention held in Sacramento, California.

Dr. Leopold, Acting Director of the Museum of Vertebrate Zoology at the University of California at Berkeley, has conducted research in the ecology of deer, wild turkeys, and other wildlife species in the United States, and is the chairman of an advisory group appointed by Secretary of the Interior Stewart L. Udall to make recommendations concerning the management of big game animals in the national parks.

The citation accompanying the medal read: "A. Starker Leopold, wildlife biologist, educator, conservationist. He has demonstrated that truth need not yield to expediency nor succumb to prejudice, but, when advocated with clarity and courage, can guide society in its decision making and thus make science become one with humanism."

Recipients of the medal, which has been awarded but ten times since its establishment in 1946, include the late Rachel Carson, U.S. Supreme Court Justice William O. Douglas, Laurence Rockefeller, and Walt Disney.

AS AN AFTERMATH of presenting a paper at the Pacific Science Congress held in Tokyo in August, Charles R. Stasek, Assistant Curator in the Department of Invertebrate

Zoology, was invited in November to appear before the Department of Biological Science at Florida State University in Tallahassee. His subject: "Evolution of the Bivalved Mollusca."

In December, he was asked to take part in a symposium on current research in paleontology which was conducted by the Department of Geology at the University of California at Los Angeles. He also repeated the same seminar he had presented in Florida.

THE FOLLOWING ARE EXCERPTS from an Information Bulletin issued by the United States Information Service from Yaoundé, Africa, on November 24, 1966:

"A California scientist and nature photographer is visiting the Cameroon as part of a seven month scientific safari. The expedition began in Liberia in July and is expected to end 10 African countries and several thousand miles later in Kenya during January.

"Dr. Edward S. Ross . . . is collecting and classifying a little known order of insects, the embioptera, small relatives of termites found throughout the tropical world . . .

"The scientist is accompanied by his wife Wilda, a graduate in Botany, and Kenneth Lorenzen, a student assistant . . .

"His present trip included Liberia, the Ivory Coast, Mali, Upper Volta, Ghana, Togo, Dahomey and Nigeria before his arrival in Cameroon. His party already has spent several weeks collecting specimens in both East and West Cameroon . . .

"Later this month the Ross expedition plans to continue to other African countries including Zambia, Tanzania, and possibly end its visit in January in Nairobi."

ONCE AGAIN, there will be spring courses in three aspects of astronomy presented by the staff of Morrison Planetarium. Each course is of 16 weeks duration and the fee for each series is \$20.00. There is an additional charge of \$10.00 for supplies for the Celestial Navigation course.

CELESTIAL NAVIGATION. Tuesday evenings, February 7 to May 23, 7:30 to 9:30 p.m. Registration at the first three meetings. Minimum enrollment of 28 required.

ASTRONOMY APPRECIATION. Thursday evenings, February 9 to May 25, 7:00 to 9:00 p.m. Registration at the first three meetings.

ADVANCED ASTRONOMY APPRECIATION.
Monday evenings, February 6 to May 22, 7:30 to 9:30 p.m. Registration at the first three meetings.

For more information, telephone the Planetarium Office at 221-5100.

MEET THE STAFF



JEAN PITTS. Assistant in the Department of Exhibits, has an eye-opening array of artistic talents which she attributes to the Dutch forebears who emigrated to America and the state of Iowa in 1842. Her ancestors made their living in the arts and crafts (her grandfather carved wooden shoes).

She graduated from Central College at Pella, Iowa, with a combined degree in art and physics. A decade of married life found her traveling through much of the U.S. On the expiration of her marital situation, she moved to Portland, Maine, where she free lanced in many separate-but-connected pursuits—advertising, model-making, television, painting, design. Her most memorable job, she recalls, was painting the faces on the clock of the First Parish Church, a classic landmark which was a target in the War of 1812. The face-painting stint was her one and only experience on a high, high scaffolding.

In late 1964, she moved to San Francisco to begin free lance activities there. A meteorite found by her father in Iowa and forwarded to Jean led her to the CAS in July 1965 to learn whether or not it was a meteorwrong (it wasn't) and also to her permanent employment in the Exhibits Department.

She has successfully dealt with painting, sculpture (a favorite), silversmithing, design of many kinds, carpentering, ceramics, spinning and weaving, block printing—to mention but some. She has been a fisherwoman since the age of four and only recently

landed a 25-pound salmon just outside the Golden Gate. She relishes horseback riding on California beaches, hiking, rock-hounding, furniture building, and there's also cooking, Siamese cats, and Chinese food.

Her dreams including having a house and garden large enough to accommodate large metal sculpture, the enormous abstract oils on which she is now working, a personally-designed kiln for her ceramics . . . and whatever else may be occupying her fancy at the time.

A particular desire is to return to school and earn a Master's Degree in architecture.

RECENT SCIENTIFIC PUBLICATIONS OF THE CALIFORNIA ACADEMY OF SCIENCES

- "Pliocene Fossils from Rancho El Refugio, Baja California, and Cerralvo Island, Mexico", Leo George Hertlein, Vol. XXX, No. 14, November 30, 1966 . . . 75c
"Fossil Diatoms from Southern Baja California", G. Dallas Hanna and A. L. Brigger, Vol. XXX, No. 15, November 30, 1966 . . . 75c
"The Larval Development of Chitons (Amphineura)", Allyn G. Smith, Vol. XXXII, No. 15, October 24, 1966 . . . 35c
"Revision of the Nearctic Species of *Silis* (Cantharidae: Coleoptera)", John Wagener Green, Vol. XXXIII, No. 16, October 24, 1966 . . . \$1.50
"New Species of Anthomyiidae and Muscidae from California (Diptera)", H. C. Hockett, Vol. XXXIV, No. 3, October 21, 1966 . . . \$1.50
"The Taxonomic Status of Bornean Snakes of the Genus *Pseudorabdion* Jan of the Nominal Genus *Idiopholis* Mocquard", Robert F. Inger and Alan E. Leviton, Vol. XXXIV, No. 4, October 21, 1966 . . . 25c
"Tardigrada from the Galapagos and Cocos Islands", Robert O. Schuster and Albert A. Grigariuk, Vol. XXXIV, No. 5, October 21, 1966 . . . 35c
"The Marine Iguana of the Galapagos Islands, Its Behavior and Ecology", Charles C. Carpenter, Vol. XXXIV, No. 6, October 21, 1966 . . . \$1.00

NEW MEMBERS OF THE ACADEMY

Regular Membership

MR. D. W. Dimeck
Mr. Stan Elms

MR. W. L. Holmes
Mr. Richard M. Schmidt

Contributing Membership

Mr. & Mrs. C. A. Ellis

Mr. Edward C. Tilton

THE CALIFORNIA ACADEMY OF SCIENCES
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